

CLAIMS

Claim 1. A micro speaker unit, comprising:

a frame (10) in which a receiving part (11) is formed at a center portion of the same, and a plurality of damping holes (13) are formed at an outer side of the receiving part (11) at certain intervals;

5 a diaphragm (17) which is provided at the receiving part (11) for generating vibrations;

a magnet (15) which is installed in an interior of the diaphragm (17);

10 a protector (20) which is coupled at the frame (10) for thereby covering the receiving part (11) and the damping hole (13) of the frame (10);

a moving coil (21) which is installed at a center portion of the protector (20) and corresponds to the magnet (15); and a magnetic field radiating part (30) which is provided at the frame (10) for radiating magnetic fields generated by the magnet (15) and the moving coil (21) to the outside of the frame (10).

20 Claim 2. The unit of claim 1, wherein said magnetic field radiating part (30) includes:

a magnetic field radiating hole (31) which is formed at a center portion of the frame (10); and

a magnetic field guide path (16) which is formed at a center portion of the magnet (15) and has the same diameter as the magnetic field radiating hole (31).

5 Claim 3. The unit of claim 1, further comprising a cover (50) which is coupled at the frame (10) for thereby covering the protector (20) and has a cover hole (51) formed at a center portion of the same for transferring sounds.